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DATA CENTER OPERATIONS BRANCH

NDS OPERATIONS PROCEDURE MANUAL  
NO. P-L004

APPLICATIONS SOFTWARE  
13 April 1983

LIST COMMUNICATIONS TAPES

SYMBOLIC TITLE: LISTCOMMO

25X1

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Program LISTCOMMO/LST

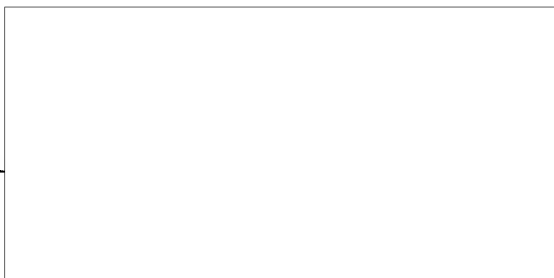
Date 27 July 1981

APPROVALS

This operations manual has been reviewed and approved by the following persons:

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(date)



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Program LISTCOMMO/LST

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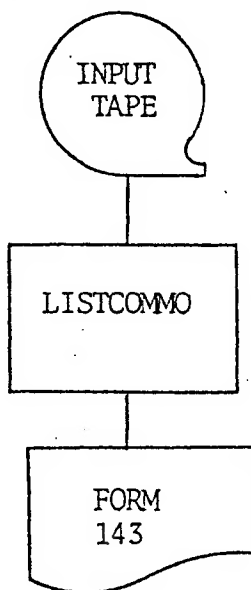
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## I. DESCRIPTION

### A. Software Summary

This program will list packed ASCII, ASCII, BCD or Fielddata tapes. The tape must have records 132 characters or less in length. The number of files on the tape to be printed is input from the computer console. Also, the number of files to bypass before the first one to be printed is input from the computer console. All the files to be printed must be consecutive. Each file will be started on the top of a new page. The program can be used to list COMMO tapes which have carriage control characters in position 1 of each record.

### B. Operational Flowchart



## II. INPUT AND OUTPUT DESCRIPTION

### A. Input Data

Input to the program is a 7- or 9-track tape in packed ASCII, ASCII, BCD, or FD. The tape must be 132 characters or less in length, one record per block.

Console input is required to: (1) enter the number of files to print, (2) enter the number of files to bypass, (3) enter the character set of the input tape; i.e., BCD, PASC, ASCI, FLD.

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**SECRET****B. Printer Output**

The printer output is formatted using the carriage control characters in position 1 of each record on the tape. A record with a 4 in position 1 is written as the last record on a page and a new page is begun with the next record.

**III. PROGRAM EXECUTION INSTRUCTIONS****A. Equipment Required:**

1. Computer - Univac 1110
2. UNISERVO - Input - 9-track or 7-track  
Output - 9-track for BRKPT tape

**IV. NORMAL RUN INSTRUCTIONS**

The operator should load the card deck for the LISTCOMMO program and mount the input tape.

Three console messages will need to be answered:

ENTER NUMBER OF FILES TO BE PRINTED  
ENTER NUMBER OF FILES TO BE BYPASSED  
WHAT IS INPUT CHAR SET? ENTER ASCI, PASC, FLD, BCD

Answer messages according to the request.

Output from this program is BRKPTed to a tape. After job terminates, the operator should 'ST PR1' to cause the BRKPT tape to be printed.

**V. ABNORMAL RUN INSTRUCTIONS**

If a tape read error should occur, try to accept or bypass the bad spot. Otherwise, abort the run and indicate the problem for the requestor on the request sheet.

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1. RUN CARD
2. ASG - Assigns the Absolute File
3. COPY - Copies the Absolute to TPF\$
4. FREE - Frees the Absolute File
5. ASG - Assigns Input Tape.  
This card will change depending  
on type of tape being used.  
Refer to ECL manual for instruc-  
tions on tape assignments or  
multiple reels.
6. ASG - Assigns BRKPT tape
7. BRKPT- Sends output to BRKPT tape
8. XQT - Executes LISTCOMMO Program
9. BRKPT- Closes BRKPT tape
10. FREE - Frees BRKPT tape
11. SYM - Syms tape to PR
12. FIN - Terminates run
14. JOB Termination Cards